

TRA's*No Name*

GAZETTE

For Space Technology & Mission Systems Retirees

VOL XIX, NO.4

June, 2007

HAPPENINGS AT NORTHROP GRUMMAN

Reported by Frank Warren

Northrop Grumman Corporation (NG)

- LOS ANGELES-- The board of directors of NG declared a quarterly dividend of \$0.37 per share on Northrop Grumman common stock, payable June 9, 2007, to shareholders of record as of the close of business May 29, 2007. The board also declared a dividend of \$1.75 per share on the company's Series B convertible preferred stock, payable July 16, 2007, to shareholders of record as of the close of business July 2, 2007.
- NG has more than 14,000 employees in the South Bay area of Los Angeles. Both the Integrated Systems Sector and the Space Technology Sector have their headquarters there and the Mission Systems Sector has many employees that make up this total.

Electronic Systems Sector (NGES)

- BALTIMORE, MD — NGES, in conjunction with the Office of Naval Research, has successfully demonstrated the ability to extend communications range and capability using the Killer Bee tactical unmanned aerial vehicle (TUAV) built by Swift Engineering, Inc. During the demonstration, geographically-separated, mobile ground units were tasked to communicate with each other and also with a fixed, tactical command post using CenGen Inc.'s secure wireless, local area network. The units successfully made contact with the command post after their signals were relayed mid-air through the Killer Bee.
- BALTIMORE, MD — NGES has been awarded a contract to integrate its AN/APN-241 low-power color weather and navigation radar on the C-130 aircraft for the Republic of Singapore Air Force (RSAF). The AN/APN-241 radar offers high-resolution ground mapping that enables accurate low-level navigation and precision aerial drops, predictive windshear detection in all weather conditions, and situational awareness for all-weather formation flying. As part of the contract, Northrop Grumman

Progress Report

The History of Aerospace Technology

In January, the LA Chapter of the AIAA announced its exciting new program to document the history of aerospace technology through first-person stories. Now Dick Denison, contact person for the project, reports not only are the reports coming in, but they are now posted on an AIAA web site, www.aiaa-my-aerospace.org. They have eleven postings now, with two from TRA members, Bob Brodsky and Harry Charles. The other nine are from North American Aviation (NAA) retirees. Dick would welcome more articles.

Some of the titles are: *The NAA XB-21*, *NAA — A Legacy of Leadership*, *NAA's Paraglider Program*, *NAA—The Innovations of WWII Production*.

Bob Brodsky titled his contribution *On the Cutting Edge* and Harry Charles' wrote *The Neophyte in Aero-Space Land*. So all subjects are welcome, with emphasis on personal experiences.

The rules are simple. Just submit that anecdote or historical fact to Dick in Word format, and Dick and his committee takes over from there. His e-mail address is mrichard1@earthlink.net. Check out the interesting articles that are now posted on their web site. They will surely remind you of an almost forgotten historical story about aerospace technology that will be lost to history if you don't submit it.

will manufacture and provide integration for the radars and spare parts. Northrop Grumman will also provide training and support of Singapore Technologies Aerospace ground and flight tests.

Space Technology Sector (NGST)

- REDONDO BEACH, CA — Using a payload provided by NGST and support from a team of the company's mission specialists, the Defense Advanced Research Project Agency's (DARPA) Orbital Express (OE) team has successfully performed multiple on-orbit fluid transfers between two space vehicles. Orbital Express is a DARPA program with the objective of demonstrating various technologies required for autonomous servicing of orbiting satellites. NGST is the OE team member responsible for the design, development, production,

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TRA for Northrop Grumman Retirees

TRA (The Retirees Association) welcomes the retirees of both the Space Technology and the Mission Systems Sectors of Northrop Grumman, as well as the Heritage TRW retirees. The No Name Gazette is our official publication. Our offices are in Building E2 at Space Park

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Contacting TRA

By Mail:

TRA, P.O. Box 1276, Redondo Beach, CA 90278

By Phone:

310-813-7745 (Our office is staffed only a few days a week. Please leave a message and we will get back to you.)

By E-mail:

TRA@tra-spacepark.org Your e-mails will be routed to the appropriate source. And, if we have your e-mail address on file, we send out special alerts at infrequent intervals. To get on the TRA e-mail list, just send us a brief e-mail requesting to be added to it.

By Web Page:

Our web page is at www.tra-spacepark.org. It is an excellent source for the latest news, lists of the new retirees, travel details, party photos (more than get into the NNG), forms of all sorts, personal photographs, and much more. Come in and browse.

For Membership:

TRA Membership is open to all NGST & NGMS retirees at \$7 per calendar year. First year free. Application on web page or call Betty Stover: 310- 370-0109

TRW Retiree Meetings Around the U.S.

GROUP	MEETING LOCATION	TIME & DATE	OTHER INFO	CONTACT
TRA	Bldg. S Park Patio Cafe, Space Park	3rd Thurs. Monthly	Business Meeting 1:30 p.m. E2, Rm 1200.	No reservations needed. All Members Welcome
ATD	Alpine Village, Torrance, CA	November, 2007.	Social and Nostalgia	Don Brown, Sandy Friedfeld, Bob Traylor 310-541-1917 or sandjol@aol.com
Brevard Retards	Various Locations in Brevard, NC	1st Tues. 8 a.m. 3rd Tues. 5 p.m.	Social	Al & Daughn Connarn 828-554-4993 aconnard@yahoo.com
Central Coast Chapter	Various Locations in the Central Coast Area	2nd Monday Various times	Social	George Zaiser 805-929-6672 geohnip@aol.com
D.C.	Frederick MD		Sporting Events	Lew Schneider 301-984-0977 scribblew@verizon.net
Huntsville Chapter	Barnhill's Buffet University Drive, Huntsville	2nd Tuesday 11:30 a.m.	Social	Jim Troy 256-534-7136 troys@comcast.net
Las Vegas	Various Locations in Las Vegas Metro Area	Last Tuesday 11:30 a.m.	Social	Carol Noblet 702-889-6773 fiftysumthn@aol.com
Northern Virginia	Squire Rockwell Restaurant Fairfax, VA	3rd Friday 11:30 a.m.	Social	Bill Gehrke 703-759-0527 wgehrke@att.net
Ogden	Cracker Barrel Restaurant Layton, UT	1st Thursday Breakfast	Social	Fred Zeuthen 801-476-0656 fzeuthen@earthlink.net
San Bernardino	San Bernardino Golf Club		Social plus programs of interest	Joe Daruty 909-792-8022 jdaruty@aol.com
SE Chapter	Clarion Hotel KSC, Merritt Island, FL	April 22-25, 2007	Social/Tours	Robert Baris 803-648-3142 sailwithme@peoplepc.com
San Diego Chapter	Event Dependent	3rd Tuesday	Social or Board Meeting	Jim Denton 858-385-0150 JWDenton@sbcglobal.net
Temecula Valley	Various Locations in Area	Quarterly for Lunch	Social	Judy Lebovitz 951-461-0065 jlebo6720@aol.com
TRW Retirees of the Desert	Elmer's Steak House Indio, CA	Every Tuesday 1:00 p.m.	Social and Nostalgia trwdesertretirees.blogspot.com	Joe Clopton 760-342-8171 joeclopton@dc.rr.com
The Ventura County Romeos	Du-Pars Thousand Oaks, CA	1st Tuesday 12:00 noon	Social	Fred Blaich 805-499-0012 harrison_stroud@hotmail.com

TRAvel News

PECHANGA RESORT & CASINO

June 15

\$4.00 pp. Includes R/T motor coach, driver tip, snack and water, and \$5.00 gambling card. Lunch buffet available. Betty Addis, 310-379-6988

MAMMOTH LAKES, LAKE TAHOE & RENO

June 24-29

1 nt Mammoth Lakes Holiday Inn, 3 nts Silver Legacy (Reno). 1 nt Bishop. Cruise Lake Tahoe, Virginia & Truckee Railroad ride, tour Virginia City/Mammoth Lakes/Manzanar/Alabama Hills. Visit Donner Museum. 4 Breakfasts, 2 lunches and 2 dinners. R/T motor coach, baggage handling and driver tip. \$699 dbl. \$899 sgl. Tom Tucknott, 310-530-4992

PALA CASINO

July 18

\$15 pp. Includes R/T deluxe motor coach, driver's tip, snacks, water, and \$5 gambling card. Lunch buffet available. Sue Anderson, 310-371-5316

7 DAY THREE RIVERS CRUISE

August 11-18

Portland, Hood-Columbia-Snake Rivers, Pendleton, Clarkston, Lewiston, Rainier, and Astoria. Includes RT air (LAX-Portland). \$2248.254; \$3523.25 ppdo. Does not include insurance or \$50.00 cancellation fee. Jay Seidman 818-343-5171

Smoking or alcoholic beverages are not permitted upon our buses.

The Travel Committee meets the 3rd Thursday of each month at 12:30 p.m. in E2/1200.

14 DAY ALASKA CRUISE-TOUR

September 10-23

Fairbanks (2), Denali (2), Anchorage (1), Seward (1). Cruise Kenai Fjords, College Fjord and Glacier Bay. Visit Haines/Skagway, Juneau, and Ketchikan. Disembark Vancouver. \$2244-3194 ppdo, includes port and government taxes. Does not include air or insurance. Deposit \$600 pp required ASAP to ensure space. Jay Seidman, 818-343-5171

PALM SPRINGS OVERNIGHT & FOLLIES

November 1-2

RT coach (rolls & coffee) & gratuity. Deluxe rooms at Three Diamond Palm Mountain Resort, PS street fair, PS Follies with Kaye Ballard. \$3 bkft coupon. \$10 buffet and coupon book at Aqua Caliente Casino. \$150 ppdo, \$208 sgl. Ddl Oct 1. Jim & Betty Addis 310-379-6988

Our future plans include the following. We would appreciate it if you would contact the identified coordinator for more information. For comments or suggestions, including specific destinations or events, please contact Jay Seidman at 818-343-5171 or jayandjerry@sbcglobal.net

July 2007

Dead Sea Scrolls (San Diego) Tom Tucknott 310-530-4992

September 28, 2007

3 day Baja Mexico Cruise \$200-570. Jay Seidman 818-343-5171

October 2007

Redwoods and Skunk Train Tom Tucknott, 310-530-4992

November 2007

Las Vegas Tom Tucknott, 310-530-4992

June 2008

Yosemite & Chuckchansi Casino, Bass Lake. Tom Tucknott 310-530-4992

Important Contacts for Retirees

Northrop Grumman Benefits Center

www.benefits.northropgrumman.com

Select "Retiree Connection"

Or by phone: 800-894-4194

Here you can get help on health benefits, pensions, savings, and report a death. It's all voice activated, so just listen to the instructions and answer the first few questions to get to a representative.

Express Scripts (Rx)

www.express-scripts.com

1-800-655-1971

Savings Account Line

800-676-7211

Northrop Grumman Benefits Services(Space Park)

800-537-7694

One Space Park, S/2451
Redondo Beach, CA 90278

The No Name Gazette is published six or seven times a year, and is the official publication of TRA.

Al Hausrath, Editor

Bob Crowe, Frank Warren, Contributing Editors,

Athena Christe, Karin Petersen and Lee Rathbone, Copy Editors.



Summer Annual Meeting Report

It was a perfect summer day in Redondo Beach as almost 400 TRA members and their guests enjoyed the 2007 Summer Annual Meeting at Space Park's redecorated cafeteria and patio on Saturday, June 2. Dr. Bob Burnett (retired Executive Vice President of TRW) brought back many memories of our years at TRW with his talk, *The Good Old Days; Systems Engineering, Then and Now*. The Art & Craft exhibits were again excellent, and many visited the expanded company store that is on the patio level next to the cafeteria. NG's On-Call Work recruiter was there to find people interested in being called back for part time assistance in special projects. The Information Tables for Benefits, Credit Union, TRA membership, and Travel were also well attended. All this and a tasty selection of food in the cafeteria made it another great reunion.



Dr. Bob Burnett



Susan Gibbs



Mike Edwards

Bill Soper

Greg Dupre

Marty Martinez



Katherine Poehlmann



John Sellars
In Company Store



Caroline

Sharon Boyer

Ginny Bolten



Sol Lutwak

Abner Rasumoff



Bea Cohen

Ann Williams

Betty Stover



HAPPENINGS

Continued from Page 1

and operational support of the fluid transfer systems for the servicing spacecraft, named Autonomous Space Transfer and Robotic Orbiter (ASTRO), and the surrogate-client spacecraft, called the Next-Generation Satellite (NextSat). The company also provided the propulsion system needed for six-degree-of-freedom (6-DOF) service vehicle.

- REDONDO BEACH, CA A team of experts assembled by NASA have declared that the ten new technologies developed for NASA's James Webb Space Telescope (JWST) are mature enough to move into the detailed engineering phase. These technologies are near infrared detectors, sunshield materials, mid-infrared detectors, lightweight cryogenic mirrors, micro-shutter arrays, cryogenic detector readout, cryogenic heat switches, large precision cryogenic structures, wavefront sensing and control, and cryocoolers.

Mission Systems Sector (NGMS)

- PALMDALE, CA — NGMS's Airborne Signals Intelligence Payload (ASIP), a next generation signals intelligence sensor for the U.S. Air Force, has successfully completed the engineering checkout and calibration testing phase of the ASIP U-2 flight test program and has successfully embarked on the performance testing phase. The ASIP sensor is scheduled to complete flight test on the U-2 in the first quarter of 2008 with operational fielding expected in late 2008. The Global Hawk variant of the ASIP sensor is expected to complete flight testing in 2008 and begin production in 2009 with operational fielding in 2012.

HELP FOR SENIORS

E-Mail Safety — *Submitted by Bobbie Love*

Do you really know how to forward e-mails?

50% of us do, 50% DO NOT.

Every time you forward an e-mail, there is information left over from the people who got the message before you — their e-mail addresses and names. As the messages get forwarded along, the list builds and builds and builds, and all it takes is for one of the addressees to get a virus and that infected computer can send the virus to every e-mail address that has come across his computer. Or, someone can take all of those addresses and sell them, or send junk mail to them in the hopes that you will go to the site and that person will make five cents for each hit.

How do you stop this source of spam and virus distribution? There are several easy steps:

1. When you forward an e-mail, DELETE all of the other addresses that appear in the body of the message (at the top). You MUST click the "Forward" button first and then you will have full editing capabilities against the body and headers of the message. Highlight them and delete them.

2. Whenever you send an e-mail to more than one person, do NOT use the "To" or "Cc" fields for adding e-mail addresses. Always use the "Bcc" (blind carbon copy) field for listing the e-mail addresses. This way the people you send to will only see their own e-mail address. If you don't see your "Bcc," option click on "Cc" and the "Bcc" line will appear. When you send to "Bcc" your message will automatically say "Undisclosed Recipients" in the "To" field of the ones who receive it.

3. Remove any "FW" in the subject line. You can rename the subject or even fix spelling.

4. How about those e-mails you receive that have multitude of Forwards before you can finally read the message. If you want to forward the real message, always forward from the first sender, not the last one that sent it to you. By doing this, it eliminates superfluous info the spammers would love to get.

5. Have you ever gotten an e-mail that is a petition? It states a position, asks you to add your name and address and then requests that you forward it to ten or 15 people or your entire address book. As it is forwarded on and on it can collect thousands of names and e-mail addresses.

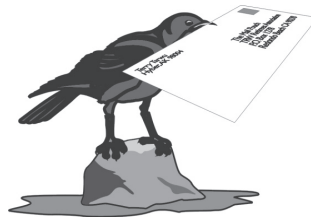
FACT: That petition is worth a couple of bucks to a professional spammer because of the wealth of valid names and e-mail addresses on it. If you want to support the intent of the petition, send it as your own personal letter to the most effective source.

6. One of the e-mails I hate is the one that says something like, "Send this e-mail to ten people and you'll see something cute run across your screen," or sometimes they just tease you by saying something really good will happen soon. IT AIN'T GONNA!!!!

7. Before you forward an Amber Alert or a Virus Alert, or some of the other ones floating around nowadays, check them out. Most of them are junk mail that have been circling the Net for YEARS!

More Mail Pouch

via hncouvert@earthlink.net♦♦♦♦Other retirees seem to be moving rather than cruising. **Sandra Esquivel** (formerly **Talber**) writes that they are moving from Austin, TX (in her husband's brother's home) to a home of their own in San Marcos, TX. Thieves broke into their storage locker and stole not only their computer but the Viking sewing machine that was a retirement gift from TRW. Once in their new home, they will repurchase both items. They sent greetings to all their RV buddies, and invite them to drop in when RVing between Austin and San Antonio♦♦♦♦But back to our travelers. **Homer** and **Linda McPherson** ask for forgiveness for not renewing their membership on time because they were in West Africa, braving the dust and primitive facilities to get away from LA's freeways♦♦♦♦**Howard Mandelstam** reports that he and **Darlene** are now blessed with two grandchildren. They still live in Encino (44 years worth) and enjoy the NNG for its Happenings and info on the TRW-Heritage gang♦♦♦♦**Charles E. Sterrett** is taking a long shot and renewing for 4 more years from Redondo Beach. "Keep up the good work" he requests♦♦♦♦**Bob Burch** credits the medical and pharmaceutical services with keeping his wife and him active. Two recent celebrations: 60 years of wedded bliss and 20 years of blissful retirement from TRW. For keys to their success, e-mail them at arkaybee@cox.net♦♦♦♦Remember that receptionist at GEODSS-Newbury Park in 1982? Well, **Jane B. Brown** is back in California (Moorpark) after 10 years in AZ, and sends thanks to all "for our fine NNG"♦♦♦♦**Marvin McCabe** of Wichita, KS changed his mind. First he called and requested that his subscription to the NNG be cancelled, and then that clear thinking that characterizes TRW employees prevailed, and he has renewed his membership for a few more years. "After 30 some years of living out a wonderful life" in California, I cannot forget it. Thanks for your kind thoughts, Marvin♦♦♦♦Other moving retirees: **Andy** and **Susan Bobby** are moving again, but inside Tucson. "Sending our best from Sunny AZ. Pls call at 520-225-0441" or e-mail tucsonetrojan@comcast.net♦♦♦♦**Bill Schwennicke**, Santa Barbara, is "quite happy" with the NG health insurance BUT, gets writers cramp each month when he addresses his checks to Northrop Grumman Corporation Health and Welfare Fund. Good news: NG Benefits reports that he can shorten that to NG Corp HW Fund! And maybe even better news in 2008. NG may let us automate the payment so that it goes directly



from the bank to them. Then Bill's sore wrist should finally recover♦♦♦♦**Tom Wickes** warns from Spokane, WA that Bob Crowe and Budd Cohen should not try to get away with anything because **Harry Stroud** keeps him up to date on their doings♦♦♦♦**Betty Geraghty** from Folsom, CA loved the covers on the Membership Directory. She especially remembered General Doolittle, graciously autographing five copies of the newly published book, *Doolittle's Tokyo Raiders* by Carroll V. Glines. She also remembers **Donna Plotner Bane**, our astronaut gal (See NNG issues January and March 07). Donna "looked great in anything she wore!" Betty is still an active volunteer at her credit union, and like the many others above, enjoying travels♦♦♦♦From Huntsville, AL we learn that time is rapidly ticking for **Ernie Taylor**. He works on old clocks (some that are not ticking and some that are) and attends meetings of the National Association of Watch & Clock Collectors. Wife **lone** escapes the ticking by being active in the local Garden Club and city cleanup projects♦♦♦♦**Jacqueline Baumgartner** has discovered the joys of granddaughters, spending a week with them at Disney World. **Tony** is taking adult-ed computer classes at Canton, GA's local college. And his woodworking shop keeps him busy making furniture and dog carts!♦♦♦♦TRW retirees in San Bernardino have had their meeting place demolished (at the Norton AFB Golf Club) and now meet at the San Bernardino Golf Club on Waterman reports **Ann D. Ohara**♦♦♦♦Great things can happen when traveling. **Sheryl Crumpacker** was widowed some years back, but on a 3 month round-the-world cruise met a Dutch gentleman, and she is now **Sheryl Noorland** of Thousand Oaks, CA♦♦♦♦

IN MEMORIAM

Name	Date of Death
James R. Dunn	April 10, 2007
Bernard J. (Obie) O'Brien	February 15, 2007
Richard Tweddle	January 6, 2007

The first step in notifying Northrop Grumman of a retiree's death is to call the Benefits Service Center at 800-894-4194, Option 1. For many retirees, there is a Burial Benefit which will be paid to the beneficiary upon proper notification of death.

The above names were submitted by TRA members. If you know of a deceased retiree that should be included in the "In Memoriam" column in future NNGs, please submit the following by mail or e-mail to the TRA office: name of the deceased; date of death; and name of person submitting the information.

**The next NNG will be
published in August**

THE MAIL POUCH

Sorted and Delivered by Bob Crowe

Bob Crowe is still suffering from circulation problems in his leg. We are all hopeful that some upcoming surgery will finally relieve all the pain he has had and we can put him to work again on this column. In the interim, this has been ghost written by your editor.

◆◆◆**George** and **Helen Harter** are moving, after just 18 years in Palm Desert. Pending an available unit their new address will be in an assisted living unit in La Costa Glen, Carlsbad, CA. Contact them at gaharter@aol.com for further details◆◆◆**Donna Godfrey** writes from the big city of Hanover, PA, where the pace of her life is 35 mph on the main arteries, slowing down to 25 in the business section, and only 15 at Homewood◆◆◆**Bill Johnson** passes on the news that he is now an octogenarian, and hoping to make our Summer Annual Meeting◆◆◆**Herb Coughran** of Plano, TX fame is preparing to teach math in Dallas. His TRW credentials weren't enough, so he used the TRA directory to find **Sue Anderson**, **Len Schneider** and **Jim McCurdy** as references◆◆◆**Connie Stelmak** is fleeing Manhattan Beach after 30+ years, and moving to a mountain acreage near Spokane, WA. Anybody have some goats that will mow the grass for them?◆◆◆**Mary (Silva) Garcia** loves retirement, allowing her to spend 3 months this last



winter on the QE2 sailing around the world. What a life, but someone has to do it◆◆◆The cruising **Ramoses, Miriam** and **Bill**, of Manhattan Beach are at it again, this time for 8 nights partying on the Mexican Riviera. Miriam reports they are double dippers; he retired from Northrop, and she from TRW, and they enjoy both retiree groups◆◆◆**Rosalie**

A. Lout, for 26 years a San Diegan, say she still recognizes a name or two in the NNG and renews for three more years◆◆◆**Stan** and **Betty Wilker** of Rancho Palos Verdes and Las Vegas hesitate to buy green bananas but were willing to risk a two year TRA membership renewal. These antique retirees must be doing well because their business of dealing with gambling and saloon antiques is thriving◆◆◆**Diane Tillman** says "Hi" to all her Space Park friends. She especially remembers Bob Crowe, way back then in IR◆◆◆Don't any of our members stay home? **Vincent** and **Louise Neisius** planned on an easy trip to India to celebrate his 89th b'day, but it turned into several medical adventures as well. The good news: medical expenses are much less in England and India. For details, contact them at vincent@neisius.us◆◆◆Too busy playing golf to travel, **Harry Covert** reports that life is good at Indian Ridge C.C. in Palm Desert. **Nancy** and he like to hear from old friends

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